## UTILITY **PATENT APPLICATION**

Attorney Docket No. 402775/AOYAMA Client Reference No.

| IRANSWIITAL  |  |      | First Inventor |        |            | Takayuki HISAKA |   |  |
|--|--|------|----------------|--------|------------|-----------------|---|--|
| (Only for new nonprovisional applications under 37 CFR   |  |      | Title          |        | SEMIC      | ONDUCT          | OR DEVICE                               |  |
| 1.53(b))   |  |      | -              |        | 1ail Labe  | l No.           |   |  |
|  |  |      |                |        |            | Mail Sto        | p Patent Application sioner for Patents |  |
|  | APPLICATION ELEMENTS   |      | ADD.           | RESS   | TO:        | P.O. Box        |   |  |
| 1.   | ☐ Utility Patent Application Transmittal   |      | AC             | СОМІ   | PANYING    |                 | CATION PARTS                            |  |
| 2.   | Form   | 10.  |                | Appli  | cant req   | uests earl      | ly publication.<br>e under 37 CFR       |  |
|  | Applicant claims small entity status. See 37 CFR 1.27.                           |      | _              | 1.18(  | (d))       |                 | ; under 37 OFN                          |  |
| 3.   | <ul><li>Specification (including claims and abstract) [Total Pages 14]</li></ul> | 11.  | _              | (cover |            | l document(s    |   |  |
| 4.   | ☑ Drawings [Total Sheets 4]  | 12.  |                |        |            |                 | nent (when there is                     |  |
| 5.   |  |      | _              |        | ssignee)   |                 |   |  |
|  | Power of Attorney [Total Pages 3]  |      |                |        | er of Atto |                 |   |  |
|  | a. 🗵 Newly executed  | 14.  |                | Engli  | sh Trans   | lation Do       | cument (if applicable)                  |  |
|  | b. Copy from prior application   | 15.  | $\boxtimes$    |        |            |                 | Statement (IDS)                         |  |
|  | [Note Box 6 below]   |      |                |        | orm PT0    |                 |   |  |
|  | <ol> <li>Deletion of Inventor(s) Signed</li> </ol>                               |      |                |        |            |                 | ocuments                                |  |
|  | statement attached deleting inventor(s)  | 16.  | _              |        |            | mendmer         |   |  |
| 6.   | named in the prior application  Incorporation by Reference: The entire           | 17.  | $\bowtie$      | Retu   | rn Recei   | pt Postca       | rd _                                    |  |
| 0.   | disclosure of the prior application, from  | 40   |                |        |            | fically itemiz  |   |  |
|  | which an oath or declaration is supplied   | 18.  | M              |        |            |                 | tified Copy of Priority                 |  |
|  | under Box 5b is considered as part of  | 40   |                |        | ument(s)   |                 | . I I I 05 I I 00                       |  |
|  | the disclosure of the accompanying   | 19.  | Ш              |        |            |                 | Under 35 USC                            |  |
|  | application and is hereby incorporated   |      |                |        |            |                 | PTO/SB/35 or its                        |  |
|  | by reference.  |      |                |        | valent att | (acned)         |   |  |
| 7.   | Application Data Sheet. See 37 CFR   | 20.  | Ш              | Othe   | r:         |                 |   |  |
|  | 1.76   |      |                |        |            |                 |   |  |
| 8.   | CD-ROM or CD-R in duplicate, large   |      |                |        |            |                 |   |  |
| _  | table or Computer Program (Appendix)   |      |                |        |            |                 |   |  |
| 9.   | Nucleotide and/or Amino Acid Sequence  |      |                |        |            |                 |   |  |
|  | Submission   |      |                |        |            |                 |   |  |
|  | a. Computer Readable Form (CRF)  |      |                |        |            |                 |   |  |
|  | b. Specification Sequence Listing on:  |      |                |        |            |                 |   |  |
|  | i. CD-ROM or CD-R (2 copies);  |      |                |        |            |                 |   |  |
|  | or<br>ii   |      |                |        |            |                 |   |  |
|  | ii. ☐ Paper Copy c. ☐ Statement verifying identity of                            |      |                |        |            |                 | ,                                       |  |
|  | c. Statement verifying identity of above copies                                  |      |                |        |            |                 |   |  |
|  | αυόνε σομίες   |      |                |        |            |                 |   |  |
| 21   | If a CONTINUING APPLICATION, about a   | 2020 | nriata         | hey    | and cure   | du tha ra-      | ujojto information                      |  |
| 21. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below: |  |      |                |        |            |                 |   |  |
| Continuation Divisional Continuation-in-part of prior application no.                              |  |      |                |        |            |                 |   |  |
|  |  |      |                |        |            | noahon ne       | · ·                                     |  |
| Prior application information: Examiner ; Group Art Unit:  |  |      |                |        |            |                 |   |  |

## **UTILITY PATENT APPLICATION TRANSMITTAL**

Attorney Docket No. 402775/AOYAMA Client Reference No.

| APPLICATION FEES   |                                   |   |            |          |  |  |  |  |  |
|--|-----------------------------------|---|------------|----------|--|--|--|--|--|
| BASIC FEE  |                                   |   |            |          |  |  |  |  |  |
| CLAIMS   | NUMBER FILED                      | NUMBER EXTRA  | RATE       |          |  |  |  |  |  |
| Total Claims   | 10 -20=                           |   | x \$18.00  | \$       |  |  |  |  |  |
| Independent Clair  | ms 3 - 3=                         |   | x \$84.00  | \$       |  |  |  |  |  |
|  | +\$280.00<br>calculations =       | \$  |            |          |  |  |  |  |  |
|  | \$750.00                          |   |            |          |  |  |  |  |  |
|  | \$( )                             |   |            |          |  |  |  |  |  |
| Assignment fe  |                                   | + \$40.00   | \$40.00    |          |  |  |  |  |  |
|  | on fee if applicable              |   | + \$300.00 | \$       |  |  |  |  |  |
|  |                                   |   | TOTAL =    | \$790.00 |  |  |  |  |  |
| <ul> <li>22. Please charge my Deposit Account No. 12-1216 in the amount of \$790.00.</li> <li>23. A check in the amount of \$ is enclosed.</li> <li>24. The Commissioner is hereby authorized to credit overpayments or charge any additional fees of the following types to Deposit Account No. 12-1216: <ul> <li>a. Fees required under 37 CFR 1.16.</li> <li>b. Fees required under 37 CFR 1.17.</li> </ul> </li> </ul>       |                                   |   |            |          |  |  |  |  |  |
| 25. The Commissioner is hereby generally authorized under 37 CFR 1.136(a)(3) to treat any future reply in this or any related application filed pursuant to 37 CFR 1.53 requiring an extension of time as incorporating a request therefor, and the Commissioner is hereby specifically authorized to charge Deposit Account No. 12-1216 for any fee that may be due in connection with such a request for an extension of time. |                                   |   |            |          |  |  |  |  |  |
|  |                                   | SPONDENCE ADDRESS   |            |          |  |  |  |  |  |
| Customer Nu  | Vyand, Reg. No.                   | . 29,458  |            |          |  |  |  |  |  |
|  | 23548                             | Leydig, Voit & Mayer 700 Thirteenth Street, N.W., Suite 300 Washington, D.C. 20005-3960 (202) 737-6770 (telephone) (202) 737-6776 (facsimile) |            |          |  |  |  |  |  |
| Name   | Jeffrey A. Wyand, Reg. No. 29,458 |   |            |          |  |  |  |  |  |
| Signature  | The Unio                          |   |            |          |  |  |  |  |  |
| Date   | Sept 12, moz                      |   |            |          |  |  |  |  |  |

Utility Transmittal (Revised 7/30/03)